AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A computer-implemented method for graphically presenting data, said method comprising ~~the computer-implemented steps of~~:

[[a)]] receiving said data, wherein said data comprises a plurality of records, each record of said plurality of records having a plurality of attributes;

[[b)]] determining a first attribute selected from said plurality of attributes, a second attribute selected from said plurality of attributes and a third attribute selected from said plurality of attributes, wherein said first attribute and said second attribute are different attributes of said plurality of attributes; and

[[c)]] arranging said plurality of records to construct a graphically displayable array, said graphically displayable array comprising a plurality of data points, each of said data points visually and non-textually representing one record of said plurality of records wherein said first attribute corresponds to a first axis of a coordinate system, said second attribute corresponds to a second axis of said coordinate system, wherein said second axis is perpendicular to said first axis, and said third attribute corresponds to a ~~visual indicator~~ color displayed within said graphically displayable array.

2. (Currently Amended) A computer-implemented method as recited in Claim 1 wherein said arranging said plurality of records to construct said graphically displayable array ~~step c)~~ comprises ~~the steps of~~:

[[c1)]] sorting said plurality of records according to said first attribute and dividing said plurality of records into groups according to said first attribute;

[[c2)]] sorting said records of each of said groups according to said second attribute; and

[[c3)]] sorting said records of each horizontal line of each of said groups according to said third attribute.

3. (Currently Amended) A computer-implemented method as recited in Claim 1 wherein said third attribute is different than both said first attribute and said second attribute.

4. (Currently Amended) A computer-implemented method as recited in Claim 1 wherein each said data point is represented by a pixel on a display, wherein a location of said pixel is defined by said first attribute corresponding to said first axis and said second attribute corresponding to said second axis.

5. (Currently Amended) A computer-implemented method as recited in Claim 1 wherein said first axis is a horizontal axis.

6. (Currently Amended) A computer-implemented method as recited in Claim 1 wherein said second axis is a vertical axis.

7. (Cancelled)

8. (Currently Amended) A computer-implemented method as recited in Claim 1 wherein selection of one said data point allows for accessing said plurality of attributes of a corresponding said record.

9. (Currently Amended) A computer-implemented method as recited in Claim 8 wherein said selection of one said data point is performed by moving a cursor over said data point to access said plurality of attributes of said record.

10. (Currently Amended) A computer-implemented method as recited in Claim 1 wherein selection of a subset of data points allows for accessing said plurality of attributes of said records corresponding to selected said data points.

11. (Currently Amended) A computer-implemented method as recited in Claim 10 wherein said selection of said subset of said data point is performed by moving a cursor over said area to access said plurality of attributes of said record.

12. (Currently Amended) A computer system comprising:

a bus;

a display device coupled to said bus;

a computer-readable memory coupled to said bus; and

a processor coupled to said bus; said processor for executing a method for graphically presenting data, said method comprising ~~the steps of~~:

[[a)]] receiving said data, wherein said data comprises a plurality of records, each record of said plurality of records having a plurality of attributes;

[[b)]] determining a first attribute selected from said plurality of attributes, a second attribute selected from said plurality of attributes and a third attribute selected from said plurality of attributes, wherein said first attribute and said second attribute are different attributes of said plurality of attributes; and

[[c)]] arranging said plurality of records to construct a graphically displayable array, said graphically displayable array comprising a plurality of data points, each of said data points visually and non-textually representing one record of said plurality of records wherein said first attribute corresponds to a first axis of a coordinate system, said second attribute corresponds to a second axis of said coordinate system, wherein said second axis is perpendicular to said first axis, and said third attribute corresponds to a ~~visual indicator~~ color displayed within said graphically displayable array.

13. (Currently Amended) A computer system as recited in Claim 12 wherein said arranging said plurality of records to construct said graphically displayable array ~~step c)~~ comprises ~~the steps of:~~

[[c1)]] sorting said plurality of records according to said first attribute and dividing said plurality of records into groups according to said first attribute;

[[c2)]] sorting said records of each of said groups according to said second attribute; and

[[c3)]] sorting said records of each horizontal line of each of said groups according to said third attribute.

14. (Original) A computer system as recited in Claim 12 wherein said third attribute is different than both said first attribute and said second attribute.

15. (Original) A computer system as recited in Claim 12 wherein each said data point is represented by a pixel on a display, wherein a location of said pixel is defined by said first attribute corresponding to said first axis and said second attribute corresponding to said second axis.

16. (Original) A computer system as recited in Claim 12 wherein said first axis is a horizontal axis.

17. (Original) A computer system as recited in Claim 12 wherein said second axis is a vertical axis.

18. (Cancelled)

19. (Original) A computer system as recited in Claim 12 wherein selection of one said data point allows for accessing said plurality of attributes of a corresponding said record.

20. (Original) A computer system as recited in Claim 19 wherein said selection of one said data point is performed by moving a cursor over said data point to access said plurality of attributes of said record.

21. (Original) A computer system as recited in Claim 12 wherein selection of a subset of data points allows for accessing said plurality of attributes of said records corresponding to selected said data points.

22. (Original) A computer system as recited in Claim 21 wherein said selection of said subset of said data point is performed by moving a cursor over said area to access said plurality of attributes of said record.

23. (Currently Amended) A computer readable medium having a computer-readable program code embodied therein for causing a computer system to perform a method comprising ~~the steps of~~:

[[a)]] receiving data, wherein said data comprises a plurality of records, each record of said plurality of records having a plurality of attributes;

[[b)]] determining a first attribute selected from said plurality of attributes, a second attribute selected from said plurality of attributes and a third attribute selected from said plurality of attributes, wherein said first attribute and said second attribute are different attributes of said plurality of attributes;

[[c)]] arranging said plurality of records to construct a graphically displayable array, said graphically displayable array comprising a plurality of data points, each of said data points visually and non-textually representing one record of said plurality of records wherein said first attribute corresponds to a first axis of a coordinate system, said second attribute corresponds to a second axis of said coordinate system, wherein said second axis is perpendicular to said first axis, and said third attribute corresponds to a ~~visual indicator~~ color displayed within said graphically displayable array.

24. (Currently Amended) A computer readable medium as recited in Claim 1 wherein said arranging said plurality of records to construct said graphically displayable array ~~step c)~~ comprises ~~the steps of~~:

[[c1)]] sorting said plurality of records according to said first attribute and dividing said plurality of records into groups according to said first attribute;

[[c2)]] sorting said records of each of said groups according to said second attribute; and

[[c3)]] sorting said records of each horizontal line of each of said groups according to said third attribute.

25. (Original) A computer readable medium as recited in Claim 24 wherein said third attribute is different than both said first attribute and said second attribute.

26. (Original) A computer readable medium as recited in Claim 24 wherein each said data point is represented by a pixel on a display, wherein a location of said pixel is defined by said first attribute corresponding to said first axis and said second attribute corresponding to said second axis.

27. (Original) A computer readable medium as recited in Claim 24 wherein said first axis is a horizontal axis.

28. (Original) A computer readable medium as recited in Claim 24 wherein said second axis is a vertical axis.

29. (Cancelled)

30. (Original) A computer readable medium as recited in Claim 24 wherein selection of one said data point allows for accessing said plurality of attributes of a corresponding said record.

31. (Original) A computer readable medium as recited in Claim 30 wherein said selection of one said data point is performed by moving a cursor over said data point to access said plurality of attributes of said record.

32. (Original) A computer readable medium as recited in Claim 24 wherein selection of a subset of data points allows for accessing said plurality of attributes of said records corresponding to selected said data points.

33. (Original) A computer readable medium as recited in Claim 32 wherein said selection of said subset of said data point is performed by moving a cursor over said area to access said plurality of attributes of said record.